



S/N 09/575,348

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ANDO ET AL. Examiner: S. IP
Serial No.: 09/575,348 Group Art Unit: 1742
Filed: MAY 19, 2000 Docket No.: 12052.33US01

Title: BILLET FOR COLD FORGING, METHOD OF MANUFACTURING
BILLET FOR COLD FORGING, METHOD OF CONTINUOUSLY COLD-
FORGING BILLET, METHOD OF COLD-FORGING CRANKSHAFT,
METHOD OF COLD-FORGING DISK-SHAPED PART WITH SHAFT,
AND COLD-FORGING DIE APPARATUS

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on March 31, 2003.

By: Debra A. Bailey
Name: Debra A. Bailey

PO
4/14/03

AMENDMENT AND RESPONSE

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This communication is in reply to the Office Action dated December 19, 2002.

In the Specification

Please enter the substitute specification.

In the Claims

Please amend claims 1-2 and 30-31 as follows.

D 1
1. (FOURTH AMENDED) A billet of steel for continuous cold forging, comprising 0.46 - 0.48 wt % of C (carbon), 0.14 wt % or less of Si (silicon), 0.55 - 0.65 wt % of Mn (manganese), 0.015 wt % or less of P (phosphorus), 0.015 wt % or less of S (sulfur), 0.15 wt % or less of Cu (copper), 0.20 wt % or less of Ni (nickel), and 0.35 wt % or less of Cr (chromium), wherein a

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